

Anti-GPX3 antibody (Internal) (STJ71124)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/IHC
Host / Source	Goat
Reactivity	Human/Mouse/Rat/Dog/Pig

PRODUCT PROPERTIES

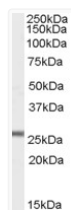
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:8000. WB: Approx 26kDa band observed in Mouse Heart lysates (calculated MW of 27.7kDa according to Mouse NP_001077398.1 [isoform1] and 25.4kDa according to Mouse NP_032187.2 [isoform 2]). Recomm
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

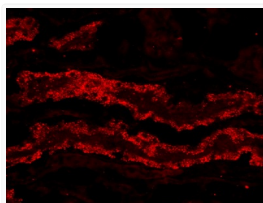
Gene ID	2878
Gene Symbol	GPX3
UniProt ID	GPX3_HUMAN
Immunogen Region	Internal
Immunogen Sequence	NQFGKQEPGENSE
Specificity	This antibody may cross-react with epididymis-specific GPX5 and olfactory epithelium-specific GPX6

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



STJ71124 (1µg/ml) staining of Mouse Heart lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ71124 (20µg/ml) staining of PFA-perfused cryosection of Porcine Kidney. Microwave antigen retrieval with citrate buffer pH 3, CY3-staining. Data obtained from Dr. Hrvoje Brzica, University of Zagreb, Croatia.